THE NORTH POLE.

How a Canadian Proposes to Discover It-Laying a Telegraph From Winnipeg to the Pole.

A representative of Canada First had the pleasure recently of ascertain-ing the views of Mr. Okill Stuart, an engineer, on the subject of discovering the Pole. I would (he said) have constructed immediately 200 sled huts on an improved plan and have them delivered by steamer at the northwest angle of Hudson's Bay, latitude 64 degrees north, longitude 94 degrees west, at a later than August. This point is distant from the Pole 1565 miles. Now, from Chesterfield Inlet to the

but 600 miles. This distance I would apart and connected by a through tele- to deep water. graph line to Winnipeg City at a cost of \$120,000. This work would be careventually pay, connecting, as it would, Churchill Harbor, mouth of Nelson River and west coast of Hudson Bay, where in the future, will be the great ing this expenditure by the great advantage of a telegraph system for the purpose of emigration and trade. These relay stations of block huts would be stored with all necessary supplies for the undertaking, together with sleigh, dogs and men in charge, for purposes of transportation from Lake Winnipeg to Chesterfield Inlet, which latter place would be the headquarters of the expedition, in daily communication with the outer world. These sled huts would be constructed of paper board, of the lightest design and frost proof; contain a kerosene stove, oil tank and lamps, as well as a complete supply of preserved food, medicine, axes and ice shovels, sufficient for six men for six months, together with fur trappings more than two hundred and fifty pounds per man. Thus equipped we would commence the forward march by moving ten sleds at a time, managed in the fellowing order: To each sled one in order at intervals, all keeping the due north course, and any deviation phates. would be reported by a halt from the advance sled. All the sleds would be chain of

I would commence this movement about the 1st of December, or as soon as the ice formed on the more southern rivers. Our route would lie by the west coast of the Gulthia to North Devon and North Lincoln by Jones' having land the whole distance, except Barrow Strait and Jones' Sound, which would be frozen. At North Lincoln we would be distant from Chesterfield Inlet 786 miles, and from the Pole 780 miles. To North Lincoln we would push all the sleds, except seventy-eight, which we would leave by relays of ten miles, all anchored with signals, so as to form a complete chain of refuge in our rear, and we would establish a system of telephone from each sled by means of tripod poles. This would give us daily communication with Winnipeg, and govern our dog transportation trains, which would be in constant attendance throughout the whole line. When this was done we would commence our advance along the ous drying, by means of hot air, driven third or polar division in the same order as before, only by shorter relays, as we would have 122 sled huts to station over 780 miles, or about six miles apart, so that each hut could be seen and reached with safety. It might be necessary to have some of these sleds constructed upon a boat principle, in Topeka and Santa Fe railroad, who one case open water was reached, and could be used for towing others, as they would all be watertight and capable of being floated, but as I do not contemplate in the rich Arkansas valley. Milner finding open water this latter point had taken them into his light wagon, would not offer any serious difficulty. The only obstacles likely to be encountered are rough and irregular ice ledges, which might have to be levelled or day. He had done his best to make tunnelled in places. In this manner I them enthusiastic by rehearsing the would expect to overcome the whole distance from Chesterfield Inlet to the Pole by the 1st of July, 1884, that being the best season for observations at the Pole. The whole cost of the expelost," for they would not 'thuse. This dition in this way, not including the telegraph line to Winnipeg City, would be about \$70,000, and is only a matter of dollars and cents.

lished.

For, if properly undertaken, as I have pointed out, there is nothing to that won't grow here?" prevent success, for all connected with the expedition would be thoroughly won't. Canadian, who are only men capable of such a discovery. This I have always mantained, for Canadians are the only men who can face the rigor of the North, being inured as they are to extreme cold, when the thermometer of pumpkins. They never have been ranges down to forty degrees below able to get a crop since I've been here, zero, at work in the open air; therefore, and that's ten years." when such men are properly clad and fed, as I propose, these Canadian young said land-buyer No. 1. men would be at home on such an expedition, and expert in all they under- serious expression, he replied: "Well, took to do. If the North Pole is ever sir, the soil is so rich that the vines discovered it will be in this way and grow so fast they wear the pumpkins by Canadians, and it only remains for out dragging them over the ground."our Government to become patrioti- Kansas Sketches.

cally ambitious and vote the necessary supplies, and thus give to Canada the honor of the much coveted discovery, and at the same time, suspend our own flag from our own Pole.

South Carolina Phosphates.

Among the advantages possessed by

South Carolina phosphates are:
1. The most of the phosphate beds have convenient points of shipment for whole cargoes, or the rock may be forwarded from Charleston, Port Royal, point known as Chesterfield Inlet, not or Savannah, at a lower rate, in ballast under cotton. Some of these ports have sufficient water for ships of two thousand tons burthen, while the rest north end of Lake Winnipeg, where are generally situated on streams navi-supplies could be delivered by boat, is gable for schooners and other light draft vessels. A few miners use the overcome permanently by building a railroads crossing the phosphate belt system of relay stations twenty miles for the transportation of their product

2. The proximity of the beds to the field of greatest consumption on this ried out by the Government and would continent, viz: The Southern States, which annually consume about two hundred and fifty thousand tons of commercial fertilizers. As competition reduces the profit on the manufuctured emporium of the North, thus neutraliz- articles, it will be found necessary to manipulate the crude rock here, thus avoiding the expense of two freights on the phosphate.

3. Commercial phosphatic manures consist very generally of superphosphates (i. e., ground phosphates treated with sulphuric acid), containing from ten to thirteen per cent. soluble phosphosphoric acid, to which may be added ammoniacal matter and potash salts.

For the manfacture of such articles the South Carolina phosphate rock excels, and for the following reasons: It is cheap. It is remarkably free from each sled would be about six feet wide gangue rock and other impurities. It and ten feet long, neatly rounded at the top and about five feet high, with a hole top and about five feet high, with a hole to readily ground to that impalpable fineness which is indispensable for its down through the center for a signal complete decomposition by sulphuric pole or anchor, to avoid drifting while acid. It contains little fluride of calresting in a gale. Each sled would cium, and consequently yields on its treatment with acid less noxious fumes than is the case with apatitic phosphates. The superphosphate made from it dries readily, and is light in color and weight. It may be easily and other clothing. When complete each sled hut would weigh about one made to contain the amount of soluble phosphoric acid required in commerce, thousand six hundred pounds or a little and this ingredient is subject to less reversion than takes place in most of

4. Its physical structure and chemical composition favor its resolution (without the intervention of sulphuric practical engineer, one doctor and acid) by the natural solvents of the four able-bodied men, all thoroughbred soil; and consequently the assimilation Canadians; thus ten sleds would com- of its constituents by plants takes place prise sixty men. These would advance more rapidly and effectually than occurs with most other mineral phos-

A very considerable part of the Carolina phosphate is excavated by dredgadvanced in this order until a complete ing boats from deeper waters, where it communication was estab- lies bare on the bottom, or sometimes covered with several feet of sand and mud. These powerful machines work best in about whelve feet of water but have been employed in double that depth. Their strength is adequate to tear up the thickest and hardest phosphate beds Under favorable circumstances, they can daily raise one hundred tons of rock. The "dipper" of the dredging machine empties its load of rock, marl, mud and sand on a grating, or into a preliminary conical "washer," where it is subjected to a heavy steam of water, which carries off the greater part of the mud and sand, thereby enabling the operatives to detect any pieces of marl, sandstone or oyster shells that may be mixed with then falls, or is cast by the machinery. into a "crusher," and thence into the second "washer," where the fragments are thoroughly cleansed from remaining impurities. A few days' continupart, is sufficient to expel all the moisture from the originally saturated rock.

A Land Agent's Story.

A pretty good story is told about Land Agent Milner, of the Atchison, day had a party of Eastern farmers in tow, trying to sell each of them a farm and behind his spanking team of bays had given them a grand ride, lasting all stories, which he had at tongue's end, of the marvelous crops of the valley, but to all intents it was "love's labor annoyed Milner, but he had his revenge in his reply to one of the party, who, with a sardonic smile, asked:

Well, Mr. Agent, is there anything

"Yes," replied Milner, "pumpkins What!" exclaimed the cynical land-

buyers together, "pumpkins won't?" No," said Milner; "there are men in this c u try who would give \$250 an acre for land that would mature a crop

"Well, how strange! Why is it?"

This was Milner's chance, and, with a

Midnight in a Prison.

There is something very solumn in a large convict prison at night. A faint sound of healthy slumber comes from the cells where the convicts sleep. Perhaps there are a thousand, perhaps only five hundred, undergoing punishment; but whatever be the number, one is conscious that nowhere else save in a convict prison could so many human beings sleep with so little to interrupt the sense of calm repose. In the same number of people taken from the ordinary world, there would be slight sounds arising from nightmare following an indigestion-perhaps from some reminiscence troubling the conscience harsh, or some other disturbing recollection; there might also be uneasy thoughts and dreams creative of restlessness. None of these troubles disturb the sleep of the habitual criminal. This is not because his conscience lies easy on him, but because he does not possess an article known to the rest of the world as a conscience. Hence he neither enjoys the satisfaction of its healthy and genial condition nor the troubles attending on its inflections, and it is with him essentially that the "Prayer for Indifference," by Greville, as it may be found in the old "Elegant Extracts." is granted.—Blackwood's Magazine.

A Young man at Eikhart, Ind., has started a six-column weekly with the avowed object of "restoring to the public its wonted grandeur and prosperity.' You can't do it, young fellow. We tried for six years to restore the public to its wonted grandeur and prosperity by publishing the ablest paper in this country and taking turnips and slab wood on subscriptions and never made money enough to buy a dog, but of late years, we have let the republic shirk for itself, and the 1st of January we had over \$6.-Peck's Sun.

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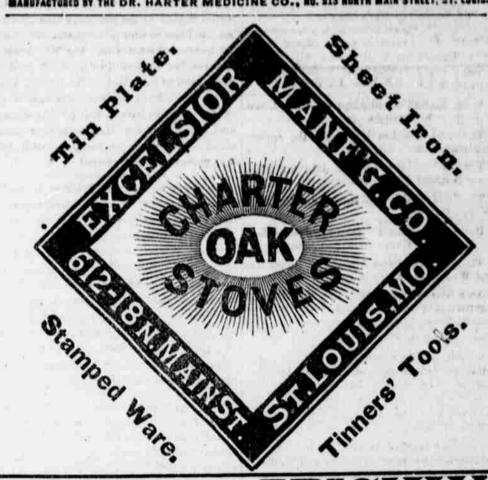
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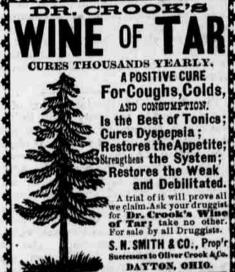
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